



CURRICULUM GUIDE 2012-2013

COMPUTER PROGRAMMING

Certificate of Accomplishment in Computer Programming

Requirements for Certificate of Accomplishment:

- a) Complete satisfactorily the courses listed for the particular certificate.
- b) Complete at least 50% of the required units at Ohlone College.
- c) Maintain a 2.0 grade point average.

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Upon completion of the Computer Programming certificate program students will be capable of writing high-level language programs in procedural, object-oriented, and event-driven languages.

Student Learning Outcomes

1. Given a specification, design an algorithm and implement the pseudocode to solve the problem.
2. Given a program with logic errors, correct the code by applying debugging and data validation skills.

CS-102	Introduction to Computer Programming Using C++	4
CS-104A	Introduction to .NET Programming	4
CS-116	Object-Oriented Programming Using C++ OR	4
CS-170	Java Programming	(4)
CS-118	Introduction to Assembly Language Programming OR	4
CS-124	Programming With Data Structures OR	(4)
CS-178	XML	<u>(3)</u>
		15-16